Class Tasks 4.25 Suggested Answers

Lesson 4.25 Software Features Activities

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Class Task 25.1 – Inputs and Outputs.

- Individually or in groups:
- Identify the Inputs and Outputs for the EBCC Scenario Program.
- Present your findings to the group.
- **TIME ALLOWED**: 10 minutes.

Suggested Answers

Input	DataType	Purpose
Customer Name	String	To identify the customer when placing the order
Table size	Integer	Says how many people are eating.
Menu Choice	Integer	Allows the customer to choose the menu option
PaymentType	String	Specifies payment by cash or card
LeaveTip	String	Specifies whether a user is leaving a tip.

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Output	Data Type	Purpose
Main Menu	String	Displays the initial choice to the user
Menu options	String	Shows the menu choices
Error Message	String	Whenever a user enters a non-numerical number or enters an invalid choice.
Customer choices	String	A grid showing the name of the person, their menu choice and the price
Menu total	Double	The total of all the individual items
Card Surcharge	Double	10% of the total
Final Total	Double	The total, with card surcharge and tip – if chosen.

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Class Task 25.2 – Key Tasks.

- Individually or in groups:
- Identify the Key Tasks for the EBCC Scenario Program.
- Present your findings to the group.
- **TIME ALLOWED**: 10 minutes.

Suggested Answers

Task ID	Task
1	Be able to select between 3 and 5 customers.
2	Store between 3 and 5 menu choices.
3	Add up the menu item total.
4	Calculate the card surcharge.
5	Display the final total.
6	Display the customers and their choices as a grid.

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